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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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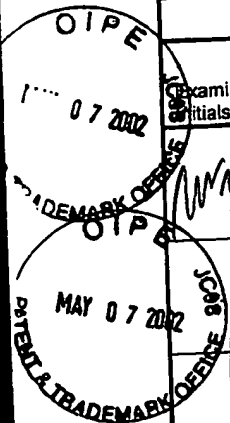
Sheet 1 of 3

## **Complete if Known**

Application Number	PHARMA-123
Filing Date	October 15, 2001
First Named Inventor	BOULOUS ZACHARIE et al.
Group Art Unit	<del>1848</del> 1654
Examiner Name	Unassigned
Attorney Docket Number	PHARMA-123

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	1	M.P.. DI MARCO ET AL., <u>Journal of Chromatography</u> , 645, (1993) 107-114 Elsevier Science Publishers, B.V. Amsterdam, "High-performance liquid chromatographic determination of the isomeric purity of a series of dioxolane nucleoside analogues".	
	2	HAOLUN JIN ET AL. <u>Tetrahedron Asymmetry</u> Vol. 4, No. 2 pp 211-214, 1993, "Unexpected Effects of Lewis Acids in the Synthesis of Optically Pure 2'-Deoxy-3'-oxacytidine Nucleoside Analogues"	
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	7	JOHN R. MACKEY ET AL., <u>Cancer Research</u> , 58, 4349-4357, October 1, 1998 "Functional Nucleoside Transporters Are Required for Gemcitabine Influx and Manifestation of Toxicity in Cancer Cell Lines"	
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	9	US Patent 5,041,449, Belleau et al.	
	10	US Patent 5,817,667, Chu et al.	
	11	WENDY P. GATI AND ALAN R. P. PATERSON, <u>The American Society for Pharmacology and Experimental Therapeutics</u> , Molecular Pharmacology, 36:134-141, "Interaction of (3H) Dilazep at Nucleoside Transporter-Associated Binding Sites on S49 Mouse Lymphoma Cells"	



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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2 of 3

## **Compl te If Known**

Application Number	PHARMA-123
Filing Date	Oct ber 15, 2001
First Named Inventor	BOULOUS ZACHARIE et al.
Group Art Unit	<del>4816</del> 1654
Examiner Name	Unassigned
Attorney Docket Number	PHARMA-123

## **OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	12	Proc. Amer. Assoc. Cancer Res. 37:405 (1996), "Use of SAENTA-fluorescein in a flow cytometric assay of cellular es nucleoside transporter site abundance, a correlate of chemosensitivity to cytarabine in acute myeloid leukemia cells"	
	13	KATHRYN A. GRAHAM ET AL., <u>Nucleosides, Nucleotides &amp; Nucleic Acids</u> , (19(1&2), 415-434 (2000), "Differential Transport of Cytosine-Containing Nucleosides by Recombinant Human Concentrative Nucleoside Transporter Protein hCNT1."	
	14	ERIC R. HARLEY ET AL., <u>Cancer Research</u> , 42, 1289-1295, April 1982, "Initial Rate Kinetics of the Transport of Adenosine and 4-Amino-7-(β-D-ribofuranosyl) pyrrolo(2,3-d) pyrimidine (Tubercidin) in Cultured Cells"	
	15	CHARLES R. CRAWFORD ET AL., <u>Biochimica et Biophysica Acta</u> , 1024 (1990) 289-297, "Identification and reconstitution of the nucleoside transporter of CEM human leukemia cells"	
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	18	BUDDY ULLMAN, <u>J. Physiol (Lord)</u> 1989 (Sept), 601:416-421, "Dideoxycytidine Metabolism in Wild Type and Mutant Cem Cells Deficient in Nucleoside Transport or Deoxycytidine Kinase"	
	19	HARALABIA BOLETI ET AL., <u>Neuropharmacology</u> , Vol. 36, No. 9, pp. 1167-1179, 1997, "Molecular Identification of the Equilibrative NBMPR-sensitive (es) Nucleoside Transporter and Demonstration of an Equilibrative NBMPR-insensitive (ei) Transport Activity in Human Erythroleukemia (K562) Cells"	
	20	CHRISTINE E. BOUMAH, DOUGLAS L. HOGUE AND CAROL E. CASS, <u>BioChem J.</u> (1992, 288, 987-996, "Expression of high levels of nitrobenzylthioinosine sensitive nucleoside transport in cultured human choriocarcinoma (BeWo) cells"	

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	PHARMA-123
		Filing Date	Oct ber 15, 2001
		First Named Inventor	BOULOUS ZACHARIE et al.
		Group Art Unit	<del>4040</del> 1654
		Examiner Name	Unassigned
		Attorney Docket Number	PHARMA-123
Sheet	3	of	3

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;">             O I P E MAY 07 2002 U.S. PATENT &amp; TRADEMARK OFFICE           </div>	21	XIAO FANG ET AL., <u>Biochem J. (1996) 317, 457-465</u> , "Functional characterization of a recombinant sodium-dependent nucleoside transporter with selectivity of pyrimidine nucleosides (cNT1) by transient expression in cultured mammalian cells"	
	22	WENDY P. GATI ET AL., <u>Biochem J. (1989) 263, 957-960</u> , "Enantiomeric selectivity of adenosine transport systems in mouse erythrocytes and L1210 cells"	
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	24	JOHN R. MACKEY ET AL., <u>Cancer Research 58, 4349-4357, October 1, 1998</u> , "Functional Nucleoside Transporters Are Required for Gemcitabine Influx and Manifestation of Toxicity in Cancer Cell Lines"	
	25	ALAN R. P. PATERSON ET AL., <u>1991 Elsevier Science Publishers BV, Chapter 13</u> , "Plasma Membrane Transport of Nucleosides, Nucleobases and Nucleotides: an overview"	
	26	BUDDY ULLMAN ET AL, <u>The Journal of biological Chemistry, Vol. 263, No. 25, Issue of September 5, pp. 12391-12396, 1988</u> , "Genetic Analysis of 2',3'-Dideoxycytidine Incorporation into Cultured Human T Lymphoblasts"	
	27	JOANNE M. UPSTON, ANNETTE M. GERO, <u>Biochimica et Biophysica Acta 1236 (1995) 249-258</u> , "Parasite-induced permeation of nucleosides in <i>Plasmodium falciparum</i> , malaria"	
	28	MACKEY ET AL., <u>Drug Resistance Updates, (1998) 1, 310-324</u> , "Nucleoside transport and its significance for anticancer drug resistance"	
Examiner Signature		Date Considered	
		<div style="text-align: center;">11/15/04</div>	

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STATEMENT BY APPLICANT

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Sheet 1 of 2

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Complete If Known

Application Number	09/878,249
Filing Date	October 15, 2001
First Named Inventor	Giorgio ATTARDO
Group Art Unit	1854
Examiner Name	Michael V. Meller
Attorney Docket Number	PHARMA-123

## U.S. PATENT DOCUMENTS

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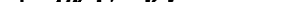
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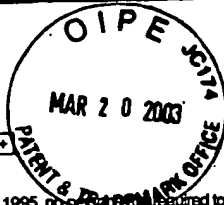
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<b>Substitute for form 1448A/PTO</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet <u>2</u> of <u>2</u>		<b>Complete If Known</b>	
		Application Number	09/876,248
		Filing Date	October 15, 2001
		First Named Inventor	Giorgio ATTARDO
		Group Art Unit	1654
		Examiner Name	Michael V. Meller
		Attorney Docket Number	PHARMA-123

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M/M	4	K.L. Grove et al, "Beta-L-(-)-Dioxolane Cytidine As A Potent Compound For The Treatment Of Cancer", Nucleosides & Nucleotides, Vol. 16, No. 7-9, 1997, pp. 1229-33, XP000971189	
	5	S.A. Kadhim et al, "Potent Antitumor Activity Of A Novel Nucleoside Analogue", Cancer Research, Vol. 57, November 1, 1997, pp. 4803-4810, XP000971188	
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	7	K. Grove et al, "Anticancer Activity Of Beta-L-Dioxolane-Cytidine", Cancer Research, Vol. 55, July 15, 1995, pp. 3008-11, XP002199458, American Association For Cancer Research, Baltimore, MD., US	
	8	S.A. Rabbani et al, "Effect of Nucleoside Analogue BCH-4558 On Prostate Cancer Growth And Metastases", Cancer Research, Vol. 58, August 1, 1998, pp. 3481-5, XP002199459, American Association For Cancer Research, Baltimore, MD, US	

Examiner Signature

Date Considered

6/2/03

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